

FORM PTO-1449, Adapted

LIST OF INFORMATION DISCLOSED BY APPLICANT

ATTY. DOCKET NO. 20657-0022	SERIAL NO. 10/777,425	FILING DATE: February 12, 2004
APPLICANT(S): Sanberg, et al.	GROUP: Not yet assigned	

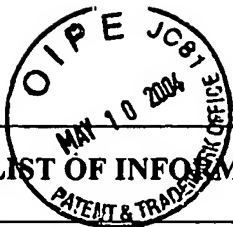
REFERENCES (Including Author, Title, Date, Pertinent Pages, Etc.)

/TK/	BICKNESE, et al., 2002, "Human Umbilical Cord Blood Cell can be Induced to Express Markers for Neurons and Glia", <i>Cell Transplantation</i> , 11:261-264.
	BROXMEYER, et al., 1992, "Growth Characteristics and Expansion of Human Umbilical Cord Blood and Estimation of its Potential for Transplantation in Adults", <i>Proc. Natl. Acad. Sci. USA</i> , 89:4109-4113.
	BROXMEYER, 1995, "Questions to be Answered Regarding Umbilical Cord Blood Hematopoietic Stem and Progenitor Cells and their use in Transplantation", <i>Transfusion</i> , 35:694-702.
	CHEN, et al., 2001, "Intravenous Administration of Human Umbilical Cord Blood Reduces Behavioral Deficits after Stroke in Rats", <i>Stroke</i> , 32:2682-2688.
	ERICES, et al., 2000, "Mesenchymal Progenitor Cells in Human Umbilical Cord Blood", <i>Br. J. Haematology</i> , 109:235-242.
	ETZION, et al., 2001, "Influence of Embryonic Cardiomyocyte Transplantation on the Progression of Heart Failure in a Rat Model of Extensive Myocardial Infarction", <i>J. Mol. Cell Cardiol.</i> , 33:1321-1330.
	GHOSTINE, et al., 2002, "Long-Term Efficacy of Myoblast Transplantation on Regional Structure and Function after Myocardial Infarction", <i>Circ.</i> , 106:I-131-I-136.
	KOH, et al., 1995, "Stable Fetal Cardiomyocyte Grafts in the Hearts of Dystrophic Mice and Dogs", <i>J. Clin. Invest.</i> , 96:2034-2042.
	KOHLI-KUMAR, et al., 1993, "Haemopoietic Stem/Progenitor Cell Transplant in Fanconi Anaemia using HLA-Matched Sibling Umbilical Cord Blood Cells", <i>Br. J. Haematology</i> 85:419-422.
	LIECHTY, et al., 2000, "Human Mesenchymal Stem Cells Engraft and Demonstrate Site-Specific Differentiation after <i>in utero</i> Transplantation in Sheep", <i>Nature Medicine</i> 6(11):1282-1286.
	LU, et al., 1993, "High Efficiency Retroviral Mediated Gene Transduction into Single Isolated Immature and Replatable CD ³⁴ ⁺ Hematopoietic Stem/Progenitor Cells from Human Umbilical Cord Blood", <i>J. Exp Med.</i> 178:2089-2096.
	LU, et al., 1995, "CD34 ⁺ Stem/Progenitor Cells Purified from Cryopreserved Normal Cord Blood can be Transduced with High Efficiency by a Retroviral Vector and Expanded <i>ex vivo</i> with Stable Integration and Expression of Fanconi Anemia Complementation C Gene", <i>Cell Transplantation</i> 4:493-503.
	LU, et al., 1996, "Stem Cells from Bone Marrow, Umbilical Cord Blood and Peripheral Blood for Clinical Application: Current Status and Future Application", <i>Crit. Rev. Oncol. Hematol.</i> , 22:61-78.
	MALTSEV, et al., 1993, "Embryonic Stem Cells Differentiate <i>in vitro</i> into Cardiomyocytes Representing Sinusnodal, Atrial and Ventricular Cell Types", <i>Mech. Dev.</i> , 44:41-50.
	MIN, et al., 2002, "Transplantation of Embryonic Stem Cells Improves Cardiac Function in Postinfarcted Rats", <i>J. Applied Physiology</i> , 92:288-296.
	MUIR, et al., 1993, "Quantitative Methods for Scoring Cell Migration and Invasion in Filter-Based Assays" <i>Anal. Biochem.</i> , 215:104-109.
	MURRY, et al., 1996, "Skeletal Myoblast Transplantation for Repair of Myocardial Necrosis", <i>J. Clin. Invest.</i> 98:2512-2523.
	NIEDA, et al., 1997, "Endothelial Cell Precursors are Normal Components of Human Umbilical Cord Blood", <i>Br. J. Haematology</i> , 98:775-777.
	ORLIC, et al., 2001, "Bone Marrow Regenerate Infarcted Myocardium", <i>Nature</i> , 410:701-705.
	PENNO, et al., 1997, "Rapid and Quantitative <i>in vitro</i> Measurement of Cellular Chemotaxis and Invasion", <i>Methods in Cell Science</i> , 19:189-195.
	POUZET, et al., "Intramyocardial Transplantation of Autologous Myoblasts: Can Tissue Processing be Optimized", 2000, <i>Circ.</i> 102:III-210-III-215.

EXAMINER

DATE CONSIDERED

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MLPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.



FORM PTO-1449, Adapted

LIST OF INFORMATION DISCLOSED BY APPLICANT

ATTY. DOCKET NO. 20657-0022	SERIAL NO. 10/777,425	FILING DATE: February 12, 2004
APPLICANT(S): Sanberg, et al.	GROUP: Not yet assigned	

REFERENCES (Including Author, Title, Date, Pertinent Pages, Etc.)

/TK/	PROCKOP, 1997, "Marrow Stromal Cells as Stem Cells for Nonhematopoietic Tissues", <i>Science</i> , 276:71-74.
	RAJNOCH, et al., 2001, "Cellular Therapy Reverses Myocardial Dysfunction", <i>J. Thor. Cardiovasc. Surg.</i> , 121:871-878.
	SAKAI, et al., 1999, "Autologous Heart Cell Transplantation Improves Cardiac Function after Myocardial Injury" <i>Ann. Thorac. Surg.</i> , 68:2074-2081.
	SANCHEZ-RAMOS, et al., 2001, "Expression of Neural Markers in Human Umbilical Cord Blood", <i>Exp. Neur.</i> , 171:109-115.
	SCORSIN, et al., 2000, "Comparison of the Effects of Fetal Cardiomyocyte and Skeletal Myoblast Transplantation on Postinfarction Left Ventricular Function", <i>J. Thorac. Cardiovasc. Surg.</i> , 119:1169-1175.
	SHAKE, et al., 2002, "Mesenchymal Stem Cell Implantation in a Swine Myocardial Infarct Model: Engraftment and Functional Effects", <i>Ann Thorac. Surg.</i> , 73:1919-1926.
	SOONPAA, et al., 1994, "Formation of Nascent Intercalated Disks between Grafted Fetal Cardiomyocytes and Host Myocardium", <i>Science</i> , 264:98-101.
	STRAUER, et al., 2002 "Repair of Infarcted Myocardium by Autologous Intracoronary Mononuclear Bone Marrow Cell Transplantation in Humans" <i>Circ.</i> , 106:1913-1918.
	SUNDER-PLASSMANN, et al., 1996, "Quantification of Leukocyte Migration: Improvement of a Method", <i>Immunol. Invest.</i> , 25:49-63.
	SUZUKI, et al., 2001 "Intracoronary Infusion of Skeletal Myoblasts Improves Cardiac Function in Doxorubicin-Induced Heart Failure", <i>Circ.</i> , 104(Suppl):I-213-I-217.
	TOMA, et al., 2002 "Human Mesenchymal Stem Cells Differentiate to a Cardiomyocyte Phenotype in the Adult Murine Heart", <i>Circ.</i> , 105:93-98.
	TOMITA, et al, 1999 "Autologous Transplantation of Bone Marrow Cells Improves Damaged Heart Function", <i>Circ.</i> , 100:II-247-II-256.
	VAN METER, et al., 1995, "Myoblast Transplantation in the Porcine Model: A Potential Technique for Myocardial Repair", <i>J. Thoracic Cardiovasc. Surg.</i> , 110(5):1442-1448.
	WAGNER, et al., 1992, "Transplantation of Umbilical Cord Blood after Myeloablative Therapy: Analysis of Engraftment", <i>Blood</i> , 78:1874-1881.
	WANG, et al., 2000, "Marrow Stromal Cells for Cellular Cardiomyoplasty: Feasibility and Potential Clinical Advantages", <i>J. Thorac. Cardiovasc. Surg.</i> , 120:999-1005.
↓	ZIGOVA, et al., 2002, "Human Umbilical Cord Blood Cells Express Neural Antigens after Transplantation into the Developing Rat Brain", <i>Cell Transplantation</i> , 11:265-274.

EXAMINER

/Taeyoon Kim/

DATE CONSIDERED

05/24/2007

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MLPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449/PTO		Complete if Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use as many sheets as necessary)		Application Number	10/777,425
		Filing Date	February 12, 2004
		First Named Inventor	Sanberg, et al.
		Art Unit	1632
		Examiner Name	Not yet assigned
Sheet 1 of 1	Attorney Docket Number	20657-0022	

U. S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			

FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No. ¹	Patent Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	T ⁶
		Country Code ³ Number ⁴ Kind Code ² (if known)				

NON PATENT LITERATURE DOCUMENTS

Include name of the author (in CAPITAL LETTERS), title of the articles (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog etc.) date, page(s), volume-issue number(s), publisher, city and/or country where published.			
/TK/ G. CONDORELLI, et al., 2001 "Cardiomyocytes Induce Endothelial Cells to Trans-Differentiate into Cardiac Muscle: Implications for Myocardium Regeneration," <i>PNAS</i> 98:10733-10738.			
/TK/ M. PESCE, et al., 2003 "Myoendothelial Differentiation of Human Umbilical Cord Blood-Derived Stem Cells in Ischemic Limb Tissues," <i>Circulation Research</i> , 93(5):e51-62.			
Examiner Signature	/Taeyoon Kim/	Date Considered	05/24/2007

*EXAMINER: Initial if references considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹Applicant's unique citation designation number (optional). ²See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁶Applicant is to place a check mark here if English language Translation is attached. This collection of information is required by 37 CFR 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U. S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.